



# Utah Division of Solid and Hazardous Waste

## Solid Waste Management Program

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## APPLICATION FOR A PERMIT TO OPERATE A CLASS IV OR VI LANDFILL

Please read the instructions that are found in the document, INSTRUCTIONS FOR APPLICATION FOR A PERMIT TO OPERATE A CLASS IV or VI LANDFILL. The APPLICATION FOR A PERMIT TO OPERATE A CLASS IV OR VI LANDFILL form shall be used for all Class IV or VI solid waste disposal facility permits, modifications, and changes in ownership. Part I, GENERAL INFORMATION, must accompany a permit application. Part II, APPLICATION CHECKLIST, is provided to assist applicants and, if included with the application, will assist review. **Please note** the version date of this form found on the lower right of this page; if you have received this form more than six months after this date it is recommended you contact the Division at (801) 538-6170 or check the forms found on the Division web page at: <http://www.hazardouswaste.utah.gov/SWBranch/SWSection/SolidWasteSection.htm> to determine if this form is still current. An application form obtained from the Solid Waste Section web page is the most current version. When completed, please return this form and support documents, forms, drawings, and maps to:

Dennis R. Downs, Director  
Division of Solid and Hazardous Waste  
Utah Department of Environmental Quality  
PO Box 144880  
Salt Lake City, Utah 84114-4880

# Utah Class IV and VI Landfill Permit Application Form

<b>Part I General Information</b> APPLICANT: PLEASE COMPLETE ALL SECTIONS.									
<b>I. Landfill Type</b>		<input type="checkbox"/> Class IVa <input type="checkbox"/> Class IVb <input type="checkbox"/> Class VI		<b>II. Application Type</b>		<input type="checkbox"/> New Application <input type="checkbox"/> Renewal Application		<input type="checkbox"/> Modification <input type="checkbox"/> Change of Ownership	
For Renewal Applications, Change of Ownership Applications and Modifications Enter Current Permit Number _____									
<b>III. Facility Name and Location</b>									
Legal Name of Facility									
Site Address (street or directions to site)							County		
City				State		Zip Code		Telephone	
Township		Range		Section(s)		Quarter/Quarter Section		Quarter Section	
Main Gate Latitude    degrees    minutes    seconds				Longitude    degrees    minutes    seconds					
<b>IV. Facility Owner(s) Information</b>									
Legal Name of Facility Owner									
Address (mailing)									
City				State		Zip Code		Telephone	
<b>V. Facility Operator(s) Information</b>									
Legal Name of Facility Operator									
Address (mailing)									
City				State		Zip Code		Telephone	
<b>VI. Property Owner(s) Information</b>									
Legal Name of Property Owner									
Address (mailing)									
City				State		Zip Code		Telephone	
<b>VII. Contact Information</b>									
Owner Contact					Title				
Address (mailing)									
City				State		Zip Code		Telephone	
Email Address					Alternative Telephone (cell or other)				
Operator Contact					Title				
Address (mailing)									
City				State		Zip Code		Telephone	
Email Address					Alternative Telephone (cell or other)				
Property Owner Contact					Title				
Address (mailing)									
City				State		Zip Code		Telephone	
Email Address					Alternative Telephone (cell or other)				

## Utah Class IV and VI Landfill Permit Application Form

<b>Part I General Information (Continued)</b>				
<b>VIII. Waste Types</b> (check all that apply)		<b>IX. Facility Area</b>		
<input type="checkbox"/> Landfill will accept all wastes allowed in Class IV or VI landfills <b>Or</b> landfill will accept only the following wastes <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Waste Type  <input type="checkbox"/> Construction &amp; Demolition  <input type="checkbox"/> Tires  <input type="checkbox"/> Yard Waste  <input type="checkbox"/> Animals  <input type="checkbox"/> Contaminated Soil  <input type="checkbox"/> Other _____ </div> <div style="width: 45%;"> Combined Disposal Unit  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </div> <div style="width: 45%;"> Monofill Unit  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </div> </div>		Facility Area..... _____ acres Disposal Area..... _____ acres Design Capacity Years..... _____ Cubic Yards..... _____ Tons..... _____		
Note: Disposal of dead animals must be approved by the Executive Secretary				
<b>X. Fee and Application Documents</b>				
Indicate Documents Attached To This Application <input type="checkbox"/> Facility Map or Maps <input type="checkbox"/> Ground Water Report		<input type="checkbox"/> Facility Legal Description <input type="checkbox"/> Closure Design		<input type="checkbox"/> Application Fee: Amount \$ _____ <input type="checkbox"/> Plan of Operation <input type="checkbox"/> Cost Estimates
<input type="checkbox"/> Waste Description <input type="checkbox"/> Financial Assurance		Class VI Special Requirements <input type="checkbox"/> Documents required by UCA 19-6-108(9) and (10)		
<b>I HEREBY CERTIFY THAT THIS INFORMATION AND ALL ATTACHED PAGES ARE CORRECT AND COMPLETE.</b>				
Signature of Authorized Owner Representative _____ _____ Name typed or printed		Title _____ Address _____ _____		Date _____ _____
Signature of Authorized Land Owner Representative (if applicable) _____ _____ Name typed or printed		Title _____ Address _____ _____		Date _____ _____
Signature of Authorized Operator Representative (if applicable) _____ _____ Name typed or printed		Title _____ Address _____ _____		Date _____ _____

## Utah Class IV and VI Landfill Permit Application Checklist

**Important Note:** The following checklist is for the permit application and addresses only the requirements of the Division of Solid and Hazardous Waste. Other federal, state, or local agencies may have requirements that the facility must meet. The applicant is responsible to be informed of, and meet, any applicable requirements. Examples of these requirements may include obtaining a conditional use permit, a business license, or a storm water permit. The applicant is reminded that obtaining a permit under the *Solid Waste Permitting and Management Rules* does not exempt the facility from these other requirements.

An application for a permit to construct and operate a landfill is the documentation that the landfill will be located, designed, constructed, and operated to meet the requirements of Rules R315-305 of the *Utah Solid Waste Permitting and Management Rules* and the *Utah Solid and Hazardous Waste Act* (UCA 19-6-101 through 123). The application must also meet the requirements of R315-310. The application should be written to be understandable by regulatory agencies, landfill operators, and the general public. The application should also be written so that the landfill operator, after reading it, will be able to operate the landfill according to the requirements with a minimum of additional training.

Copies of the *Solid Waste Permitting and Management Rules*, the *Utah Solid and Hazardous Waste Act*, along with many other useful guidance documents can be obtained by contacting the Division of Solid and Hazardous Waste at 801-538-6170. Most of these documents are available on the Division's web page at [www.hazardouswaste.utah.gov](http://www.hazardouswaste.utah.gov). Guidance documents can be found at the solid waste section portion of the web page.

(Note: When the application is determined to be complete, submittal of two or more copies, along with an electronic copy, of the complete application will be required to provide public copies at all public viewing areas.)

### **Part II      Application Checklist**

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Completed Part I General information	
General description of the facility (R315-310-3(1)(b))	
Legal description of property (R315-310-3(1)(c))	
Proof of ownership, lease agreement, or other mechanism (R315-310-3(1)(c))	
If the permit application is for a Class IV landfill, a demonstration that the landfill is not a commercial facility	
Waste type and anticipated daily volume (R315-310-3(1)(d))	
Intended schedule of construction (R315-302-2(2)(a))	
<b>For Class IVa Landfills A Demonstration That The Facility Meets The Location Standards (R315-304-4(1)(a))</b>	
Land use compatibility	
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	
Maps showing the location of dwellings, residential areas, other structures, and historic structures.	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
List of airports within five miles of facility and distance to each	
Geology	
Geologic maps showing significant geologic features, faults, and unstable areas	
Maps showing site soils	
Surface water	
Magnitude of 24 hour 25 year and 100 year storm events	
Average annual rainfall	
Maximum elevation of flood waters proximate to the facility	
Maximum elevation of flood water from 100 year flood for waters proximate to the facility	
Wetlands	
Ground water	
<b>For Class IVb and VI Landfills A Demonstration That The Facility Meets The Following Location Standards</b>	
Floodplains as specified in R315-302-1(2)(c)(ii) (R315-305-4(1)(a)(i))	
Wetlands as specified in R35-302-1(2)(d) (R315-305-4(1)(a)(ii))	
The landfill is located so that the lowest level of waste is at least five feet above the historical high level of ground water (R315-305-4(1)(a)(iii))	
<b>For Class IVb and VI Landfills That Accept Dead Animals A Demonstration That The Facility Meets The Following Location Standards</b>	
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	
Maps showing the location of dwellings, residential areas, other structures, and historic structures.	
List of airports within five miles of facility and distance to each	
<b>Plan of Operations - Applies to All Class IV and VI (R315-310-3(1)(e) and R315-302-2(2))</b>	
Description of on-site waste handling procedures and an example of the form that will be used to record the weights or volumes of waste received (R315-302-2(2)(b) And R315-310-3(1)(f))	
Schedule for conducting inspections and monitoring, and examples of the forms that will be used to record the results of the inspections and monitoring (R315-302-2(2)(c), R315-302-2(5)(a), and R315-310-3(1)(g))	
Contingency plans in the event of a fire or explosion (R315-302-2(2)(d))	
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>I. Facility General Information</b>	
Description of Item	Location In Document
Plan to control fugitive dust generated from roads, construction, general operations, and covering the waste (R315-302-2(2)(g))	
Plan for leachate control and collection (R315-302-2(2)(h))	
Procedures for excluding the receipt of prohibited hazardous or PCB containing waste (R315-302-2(2)(j))	
Procedures for controlling disease vectors (R315-302-2(2)(k))	
A plan for alternative waste handling (R315-302-2(2)(l))	
A general training and safety plan for site operations (R315-302-2(2)(o))	
Any recycling programs planned at the facility (R315-303-4(6))	
Any other site specific information pertaining to the plan of operation required by the Executive Secretary (R315-302-2(2)(o))	

<b>II Facility Technical Information</b>	
Description of Item	Location In Document
<b>Maps – Applies to All Class IV and VI Landfills</b>	
Topographic map drawn to the required scale with contours showing the boundaries of the landfill unit, ground water monitoring well locations, gas monitoring points, and the borrow and fill areas (R315-310-4(2)(a)(i))	
Most recent U.S. Geological Survey topographic map, 7-1/2 minute series, showing the waste facility boundary; the property boundary; surface drainage channels; any existing utilities and structures within one-fourth mile of the site; and the direction of the prevailing winds (R315-310-4(2)(a)(ii))	
<b>Geohydrological Assessment - Class IVa Landfills Only (R315-310-4(2)(b))</b>	
Local and regional geology and hydrology including faults, unstable slopes and subsidence areas on site (R315-310-4(2)(b)(i))	
Evaluation of bedrock and soil types and properties including permeability rates (R315-310-4(2)(b)(ii))	
Depth to ground water (R315-310-4(2)(b)(iii))	
Quantity, location, and construction of any private or public wells on-site or within 2,000 feet of the facility boundary (R315-310-4(2)(b)(v))	
Tabulation of all water rights for ground water and surface water on-site and within 2,000 feet of the facility boundary (R315-310-4(2)(b)(vi))	
Identification and description of all surface waters on-site and within one mile of the facility boundary (R315-310-4(2)(b)(vii))	
For an existing facility, identification of impacts upon the ground water and surface water from leachate discharges (R315-310-4(2)(b)(viii))	

## Utah Class IV and VI Landfill Permit Application Checklist

<b>// Facility Technical Information</b>	
Description of Item	Location In Document
Calculation of site water balance (R315-310-4(2)(b)(ix))	
<b>ENGINEERING REPORT - PLANS, SPECIFICATIONS, AND CALCULATIONS - CLASS IV and VI LANDFILLS</b>	
<b>Reports Required for All Class IV and VI Landfills</b>	
Unit design to include liner design, if liner is to be used; cover design; fill methods; and elevation of final cover including plans and drawings signed and sealed by a professional engineer registered in the State of Utah, when required (R315-310-3(1)(b) and R315-310-4(2)(c)(iii))	
Design and location of run-on and run-off control systems (R315-310-4(2)(c)(viii))	
Anticipated facility life and the basis for calculating the facility's life (R315-310-4(2)(c)(ii))	
<b>Reports Required for Class IVa Landfills</b>	
Engineering reports required to meet the location standards of R315-305-4 including documentation of any demonstration or exemption made for any location standard (R315-310-4(2)(c)(i))	
Identification of borrow sources for final cover (R315-310-4(2)(c)(iv))	
Run-off or leachate collection, treatment, and disposal and documentation to show that any treatment system is being or has been reviewed by the Division of Water Quality (R315-310-4(2)(c)(v) and R315-310-3(1)(i))	
<b>CLOSURE PLAN (R315-310-3(1)(h))</b>	
Closure schedule (R315-310-4(2)(d)(i))	
Design of final cover (R315-310-4(2)(c)(iii))	
Capacity of site in volume and tonnage (R315-310-4(2)(d)(ii))	
Final inspection by regulatory agencies (R315-310-4(2)(d)(iii))	
<b>POST-CLOSURE CARE PLAN (R315-310-3(1)(h))</b>	
Changes to record of title, land use, and zoning restrictions (R315-310-4(2)(e)(ii))	
Maintenance activities to maintain cover and run-on/run-off control systems (R315-310-4(2)(e)(iii))	
List the name, address, and telephone number of the person or office to contact about the facility during the post-closure care period (R315-310-4(2)(e)(vi))	
<b>FINANCIAL ASSURANCE (R315-310-3(1)(j))</b>	
Identification of closure costs including cost calculations (R315-310-4(2)(d)(iv))	
Identification of post-closure care costs including cost calculations (R315-310-4(2)(e)(iv))	
Identification of the financial assurance mechanism that meets the requirements of Rule R315-309 and the date that the mechanism will become effective (R315-309-1(1))	